

WHAT IS CLAIMED IS:

1. A method for locating content in a multimedia program, which comprising a stream with word symbol information, comprising the steps of:

- a. receiving a request comprising a specific word symbol from a user;
- b. determining a position where the specific word symbol appears in the stream with word symbol information; and
- c. determining other presentable information synchronous with the word symbol information at the position.

2. The method according to claim 1, wherein further comprising the step of: presenting the program content at the position to the user.

10 3. The method according to claim 1, wherein the other presentable information comprises at least audio information or video information.

4. The method according to claim 1, wherein the word symbol information exists in a text format.

15 5. The method according to claim 4, wherein the other presentable information comprises image.

6. The method according to claim 1, wherein the word symbol exists in an image format, and further comprising the step of:

obtaining text information corresponding to the word symbol information.

20 7. The method according to claim 1, wherein the content in the stream with word symbol information has a layered structure, and further comprising the step of:

determining a layer containing the position, wherein the layer having a specific start position and a specific end position, thereby the other presentable information determined in step c have a corresponding start position and a corresponding end position.

25 8. The method according to claim 1, wherein the request from the user further comprises information of start position and information end position

with respect to the position so that the other presentable information determined in step c has a corresponding start position and a corresponding end position.

9. The method according to claim 7 or 8, further comprising the step of:

5 extracting a program segment having the start position and the end position.

10. The method according to claim 9, wherein the multimedia program is integrated via SMIL, wherein extracting step includes extracting the program by modifying the SMIL representation document of the multimedia program.

11. A locating apparatus for locating content in a multimedia program, which comprising a stream with word symbol information, comprising:

request receiving means for receiving a request comprising a specific word symbol from a user;

word symbol locating means for determining a position where the specific word symbol appears in the stream with word symbol information; and

synch-locating means for determining other presentable information synchronous with the word symbol information at the position.

12. The apparatus according to claim 11, further comprising presenting means for presenting program content at the position to the user.

20 13. The apparatus according to claim 11, wherein the other presentable information comprises at least one of audio information or video information.

14. The apparatus according to claim 11, wherein the word symbol information exists in a text format.

25 15. The apparatus according to claim 14, wherein the other presentable information comprises image.

16. The apparatus according to claim 11, wherein the word symbol exists in an image format, and word symbol locating means is arranged to obtain text information corresponding to the word symbol information.

17. The apparatus according to claim 11, wherein the content in the stream with word symbol has layered structure, and the word symbol locating means is arranged to determine a layer containing the position, wherein the layer having a specific start position and a specific end position, so that the other presentable information determined by the synch-locating means have a corresponding start position and a corresponding end position.

5 18. The apparatus according to claim 11, wherein the request from the user further comprises the information of start position and information of end position with respect to the position so that the other presentable information determined by synch-locating means has a corresponding start position and a corresponding end position.

10 19. An apparatus for playing multimedia programs to a user, comprising:
content receiving means for receiving a multimedia program comprising a stream with word symbol;

15 present means for presenting the received multimedia program to the user; and

locating means comprising:
request receiving means for receiving a request including specific word symbol from user;

20 word symbol locating means for determining an appearance position of the specific word symbol in the stream with the specific word symbol; and
synch-locating means for determining other presentable information synchronous with the word symbol at the position.

25 20. The means according to claim 19, further comprising extracting means for extracting a specific segment from the multimedia program.